

LICENSEE EVENT REPORT

CONTROL BLOCK: [] [] [] [] [] [] (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[0] [1] [V] [A] [N] [A] [S] [I] [2] [0] [0] [0] [0] [0] [0] [0] [0] [3] [4] [1] [1] [1] [1] [4] [5]
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T
[0] [1] REPORT SOURCE [X] [6] [0] [5] [0] [0] [0] [3] [3] [8] [7] [0] [1] [1] [1] [8] [0] [8] [0] [1] [2] [4] [8] [0] [9]
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
[0] [2] | On January 11, 1980, during the review for IE Bulletin 79-14, Stone & Webster
[0] [3] | discovered the stress on vertical rod hangers SW-H-162A and SW-H-160A to be over
[0] [4] | design allowable. The hangers support the discharge piping of screen wash pumps
[0] [5] | 1-SW-P-2 and 2-SW-P-2 respectively. The health and safety of the general public were
[0] [6] | not affected by this event. Reportable pursuant to T.S. 6.9.1.8.i.
[0] [7] |
[0] [8] |

[0] [9] SYSTEM CODE [W] [A] (11) CAUSE CODE [B] (12) CAUSE SUBCODE [A] (13) COMPONENT CODE [S] [U] [P] [O] [R] [T] (14) COMP SUBCODE [A] (15) VALVE SUBCODE [Z] (16)
7 8 9 10 11 12 13 18 19 20

(17) LER/RO REPORT NUMBER []
EVENT YEAR [8] [0] (21) SEQUENTIAL REPORT NO. [0] [1] [0] (24) OCCURRENCE CODE [0] [1] (28) REPORT TYPE [T] (30) REVISION NO. [0] (32)
ACTION TAKEN [F] (18) FUTURE ACTION [Z] (19) EFFECT ON PLANT [Z] (20) SHUTDOWN METHOD [Z] (21) HOURS [0] [0] [0] [0] (22) ATTACHMENT SUBMITTED [Y] (23) NPRD-4 FORM SUB. [N] (24) PRIME COMP. SUPPLIER [A] (25) COMPONENT MANUFACTURER [G] [2] [5] [5] (26)
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
[1] [0] | The hangers were overstressed because incorrect valve weights were used in the pipe
[1] [1] | support design calculations. Both vertical rod hangers have been modified by replacing
[1] [2] | the rod with a strut for reinforcement.
[1] [3] |
[1] [4] |

[1] [5] FACILITY STATUS [9] (28) % POWER [0] [0] (29) OTHER STATUS [NA] (30) METHOD OF DISCOVERY [D] (31) DISCOVERY DESCRIPTION [Notification from A/E] (32)
7 8 9 10 12 13 44 45 46 80

[1] [6] ACTIVITY [Z] (33) CONTENT [Z] (34) AMOUNT OF ACTIVITY [NA] (35) LOCATION OF RELEASE [NA] (36)
7 8 9 10 11 44 45 80

[1] [7] PERSONNEL EXPOSURES NUMBER [0] [0] [0] (37) TYPE [Z] (38) DESCRIPTION [NA] (39) 1840 060
7 8 9 11 12 13 80

[1] [8] PERSONNEL INJURIES NUMBER [0] [0] [0] (40) DESCRIPTION [NA] (41)
7 8 9 11 12 80

[1] [9] LOSS OF OR DAMAGE TO FACILITY TYPE [Z] (42) DESCRIPTION [NA] (43)
7 8 9 10 80

[2] [0] PUBLICITY ISSUED [N] (44) DESCRIPTION [NA] (45) 8 00 1290 228
7 8 9 10 80

8 00 1290 228

Virginia Electric and Power Company
North Anna Power Station, Unit #1
Docket No. 50-338
Report No. LER 80-010/01T-0

Attachment: Page 1 of 1

Description of Event

On January 11, 1980, during the review for IE Bulletin 79-14, Stone & Webster discovered vertical rod hangers SW-H-162A and SW-H-160A to be stressed over the design allowable. The hangers support screen wash pump discharge lines 6"-WSSW-1-151-Q3 and 6"-WSSW-401-151-Q3, respectively.

Probable Consequences of Occurrence

Because the hangers were overstressed, it was possible that the discharge piping of both the Unit 1 and Unit 2 screen wash pumps could have failed in the event of a seismic occurrence. The health and safety of the general public were not affected by this event. No generic implications exist for this occurrence.

Cause of Event

The hangers were stressed over design allowable because incorrect valve weights were used in the design calculations of the supports. The weight of the gate valve, immediately downstream of each pump, changed from 215 lbs. to 202 lbs.

Immediate Corrective Action

Both vertical rod hangers have been reinforced by replacing each hanger's rod with a strut.

Scheduled Corrective Action

No scheduled corrective action is required.

Actions Taken to Prevent Recurrence

No further actions are required.

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